

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

Claims 1-13 (Cancelled).

14. (Withdrawn) A damping structure having an internal cavity and comprising:

an aggregate which comprises at least solid bodies in contact and which completely fills said internal cavity; and

a rigid plate for closing off said internal cavity, characterized in that it additionally comprises at least one internal partition which is arranged inside said internal cavity and which is at least partially pierced.

Claim 15 (Cancelled).

16. (Withdrawn) The damping structure as claimed in claim 14, characterized in that said structure is elongate and in that said internal cavity is formed longitudinally inside said elongate structure.

17. (Withdrawn) The damping structure as claimed in claim 14, characterized in that at least some of said solid bodies are hollow.

18. (Withdrawn) The damping structure as claimed in claim 14, characterized in that at least some of said solid bodies are compact.

19. (Withdrawn) The damping structure as claimed in claim 14, characterized in that said aggregate comprises solid bodies made of different materials.

20. (Withdrawn) The damping structure as claimed in claim 14, characterized in that said aggregate comprises solid bodies of different shapes.

21. (Withdrawn) The damping structure as claimed in claim 14, characterized in that said aggregate comprises solid bodies of different sizes.

22. (Withdrawn) The damping structure as claimed in claim 14, characterized in that said internal partition has a tubular shape.

23. (Withdrawn) The damping structure as claimed in claim 14, characterized in that said internal partition is at least partially solid.

24. (Withdrawn) The damping structure as claimed in claim 14, characterized in that said aggregate additionally comprises a viscous liquid filling the spaces between said solid bodies.

25. (Withdrawn) The damping structure as claimed in claim 14, characterized in that it is produced in the form of a pinon.

Claims 26-39 (Cancelled).

40. (Currently Amended) A suspension system for a rotary wing aircraft, ~~particularly a helicopter,~~ gearbox, said suspension system comprising: a number of suspension bars, wherein at least one of said suspension bars comprises a damping structure comprising:

a member which is rigid and which defines an internal cavity;

an aggregate which comprises at least solid bodies in contact and which completely fills said internal cavity; and

a ~~rigid plate~~ closing device for closing off ~~with sealing~~ said internal cavity,

wherein vibrations of the suspension bars are transmitted to the solid bodies of the aggregate and vibrational energy is

dissipated through friction, so that the vibrations are damped quickly and effectively.

Claims 41-46 (Cancelled).

47. (Currently Amended) The suspension system of claim ~~44~~ 40, wherein at least some of said solid bodies are compact.

48. (Currently Amended) The suspension system of claim ~~44~~ 40, wherein said aggregate comprises solid bodies made of different materials.

49. (Currently Amended) The suspension system of claim ~~44~~ 40, wherein said aggregate comprises solid bodies of different shapes.

50. (Currently Amended) The suspension system of claim ~~44~~ 40, wherein said aggregate comprises solid bodies of different sizes.

51. (Currently Amended) The suspension system of claim ~~44~~ 40, wherein said aggregate additionally comprises a viscous liquid filling the spaces between said solid bodies.

52. (New) A suspension system according to claim 40, wherein said aggregate comprises hollow bodies.

53. (New) A suspension system according to claim 52, wherein said hollow bodies comprise hollow beads.

54. (New) A suspension system according to claim 53, wherein said hollow beads are made of a synthetic material.

55. (New) A suspension system according to claim 54, wherein said aggregate completely fills said internal cavity.

56. (New) A suspension system according to claim 54, wherein the member defining the cavity has walls forming a chamber having an opening, the opening being closed off with sealing.

57. (New) A suspension system according to claim 54, wherein said damping structure is elongate, said internal cavity being formed longitudinally inside the elongate structure.

58. (New) A suspension system according to claim 54, wherein said closing device is a rigid plate.

59. (New) A suspension system according to claim 58, wherein said damping structure comprises an elastic device which exerts elastic pressure on said rigid plate so as to constrain said aggregate.